

Title (en)
Network server

Title (de)
Netzwerkserver

Title (fr)
Serveur de réseau

Publication
EP 0771096 A3 20040811 (EN)

Application
EP 96250240 A 19961022

Priority
JP 27408495 A 19951023

Abstract (en)
[origin: EP0771096A2] A network server includes LAN terminating units, an ATM terminating unit, a data transfer unit, a multiple identifier check section, and a connection determination section. The LAN terminating units are connected to LAN terminals constituting virtual LAN segments and terminate protocols on the LAN MAC sublayer. The ATM terminating unit is connected to an ATM network and terminates the AAL and the ATM protocol. The data transfer unit transfers received data to one of the LAN terminating units and the ATM terminating unit in correspondence with the destination MAC address obtained from data received by the LAN terminating units and the ATM terminating unit. The multiple identifier check section checks at least the Ethernet type in the SNAP of the received data. When the data is transferred from the data transfer unit to the ATM terminating unit, the connection determination section determines an ATM connection to which the data is to be transmitted, on the basis of a set of the destination MAC address and the destination IP subnetwork address, obtained from the received data, and an identifier including at least the Ethernet type detected by the multiple identifier check section, and notifies the ATM terminating unit of the determined ATM connection. <IMAGE>

IPC 1-7
H04L 12/46; **H04L 12/28**

IPC 8 full level
H04L 12/46 (2006.01); **H04L 12/66** (2006.01); **H04L 12/70** (2013.01); **H04L 29/06** (2006.01); **H04Q 3/00** (2006.01); **H04Q 11/04** (2006.01); **H04L 12/56** (2006.01); **H04L 29/08** (2006.01)

CPC (source: EP US)
H04L 9/40 (2022.05 - EP US); **H04L 12/4608** (2013.01 - EP US); **H04L 12/4641** (2013.01 - EP US); **H04Q 11/0478** (2013.01 - EP US); **H04L 69/32** (2013.01 - EP US); **H04L 2012/5615** (2013.01 - EP US); **H04L 2012/563** (2013.01 - EP US)

Citation (search report)
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DOCDB simple family (application)
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